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6P-1646
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Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/693,746
Filing Date	October 20, 2000
First Named Inventor	David E. Lowery
Group Art Unit	1646
Examiner Name	Joseph F. Murphy

Total Number of Pages in This Submission

20

Attorney Docket Number

6297.1CP/PHRM0002-100

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	Express mail: EV 147608746 US Date of Deposit: October 29, 2002

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Gwilym J. O. Attwell/Reg. No.: 45,449
Signature	
Date	October 29, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name		
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FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 102)

Complete if Known

Application Number	09/693,746
Filing Date	October 20, 2000
First Named Inventor	David E. Lowery
Examiner Name	Joseph F. Murphy
Group / Art Unit	1646
Attorney Docket No.	6297 1CP/PHRM0002-100

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None
 Deposit Account:

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Deposit Account Name COZEN O'CONNOR

The Commissioner is authorized to: (check all that apply)

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 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
148	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

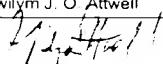
SUBTOTAL (3)

(\$ 0)

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Gwilym J. O. Attwell	Registration No	Attorney/Agent)	45,449	Telephone	215-665-6904
Signature					Date	10/29/02

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Lowery et al.

Serial No.: 09/693,746

Filed: **October 20, 2000**

Group No.: 1646

Examiner: **Joseph F. Murphy**For: **DROSOPHILA G PROTEIN COUPLED RECEPTORS, NUCLEIC ACIDS, AND METHODS RELATED TO THE SAME**

Express Mail No.: EV 147608746 US
Date of Deposit: October 29, 2002

Assistant Commissioner for Patents
 Washington, D.C. 20231.

RESPONSE

In response to the Office Action dated July 29, 2002, Applicants respectfully request entry of the following amendments, without prejudice, and request that the rejections be reconsidered and withdrawn.

In the Claims:

Please amend claim 59 to read as follows:

59. **(Amended)** A method according to claim 46 wherein the DmGPCR is DmGPCR9 having a sequence of SEQ ID NO:22 and wherein the binding partner is a peptide having a sequence of SEQ ID NO:157.

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